

Wahni Adnani

AI ENGINEER · SOFTWARE ENGINEER

Indonesia (Open to Remote Collaboration)

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Building production-ready AI systems for real-world document intelligence

Professional Summary

AI-focused Software Engineer specializing in document intelligence and production-scale AI systems. Experienced in building DOCX-to-JATS/XML conversion pipelines and integrating NLP, LLMs, and computer vision into real-world publishing platforms used by multiple organizations. Strong interest in bridging research ideas with scalable, reliable production systems.

Professional Experience

Open Journal Theme (JATSeditor.com)

Indonesia

AI ENGINEER

Nov 2024 – Present

- Built and deployed AI-powered document processing services for DOCX-to-JATS/XML conversion used by academic publishers
- Implemented NLP, LLM-based parsing, and validation logic to improve document structure accuracy and reduce manual editorial effort
- Integrated and maintained ML components in production pipelines with a focus on performance and reliability

Open Journal Theme

Indonesia

SOFTWARE ENGINEER

Dec 2023 – Nov 2024

- Developed and maintained JATS Editor enabling publishers to create, validate, and edit JATS/XML for scientific publications
- Designed backend services and document viewers emphasizing XML compliance, accessibility, and correctness
- Built monitoring and infrastructure management systems supporting government agencies at district and provincial levels

Independent

Indonesia

PROGRAMMER (FREELANCE)

Dec 2020 – Nov 2023

- Engineered autonomous navigation systems using sensor fusion and custom control algorithms for robotics platforms
- Developed computer-vision-based object tracking and voice-controlled navigation systems using Python and OpenCV
- Designed fuzzy-logic-based production forecasting systems to support data-driven manufacturing decisions

Education

Cyber Asia University

BACHELOR OF INFORMATICS

2025 – 2026

GPA: 3.90 / 4.00

Politeknik Negeri Banjarmasin

DIPLOMA IN INFORMATICS ENGINEERING

2020 – 2023

GPA: 3.84 / 4.00

Technical Skills

AI & ML Document Intelligence, NLP, Computer Vision, LLM Integration, Model Fine-tuning

Programming Python, Go, PHP, JavaScript, SQL

Web & APIs REST APIs, Svelte, XML/JATS Standards

Tools & Systems Git, Linux, CI/CD, MySQL, OpenCV

Hardware Raspberry Pi, Arduino, IoT Systems

Additional Information

Languages Indonesian (Native), English (Professional Working Proficiency)

Work Preference Open to remote collaboration across time zones

Interests Robotics, Internet of Things (IoT), Smart Systems, Bioinformatics